

Abstract of the Disclosure

5           A self-regulated system and method for cooling switching  
power supplies that take parasitic effects of switching which would  
normally be dissipated as heat in a typical RC snubber circuit, and use that  
waste energy to power a cooling element to automatically cool  
semiconductor switches of the power supplies and any DC or AC systems.  
10   The cooling element can be a variable speed fan, a liquid pump, a Peltier  
device, or the like, in which case the system and method provide power to  
the cooling element in proportion to the amount of current delivered to the  
power supply, and so the cooling system automatically adjusts itself to the  
level needed to protect the power supply.

15

10020449-121101  
TOP SECRET - SI